PHILADELPHIA AND VICINITY



PUBLISHED BY THE LOCAL ORGANIZING COMMISSION FOR THE TWELFTH INTERNATIONAL CONGRESS OF NAVIGATION, PHILADELPHIA, PA.,1911

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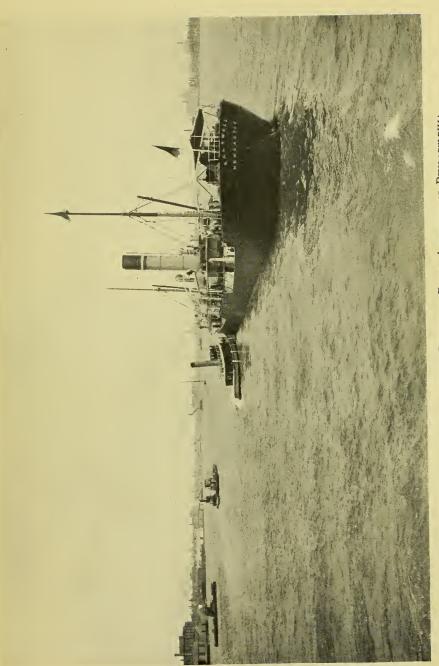
DELAWARE BREAKWATER, CAPE HENLOPEN.



Philadelphia, 1767



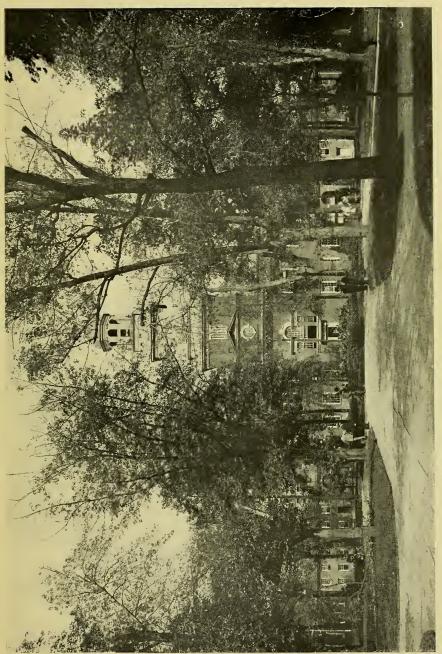
Philadelphia, 1852.



Steamer Laden with Iron Ore, in the Delaware River, Approaching Philadelphia.



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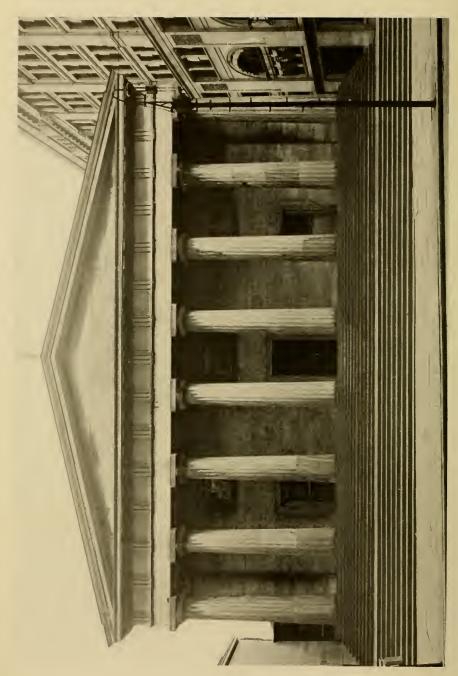




CHRIST CHURCH.



Building at Dock and Walnut Streets. Formerly Occupied by the Maritime Exchange, Now the Philadelphia Stock Exchange.

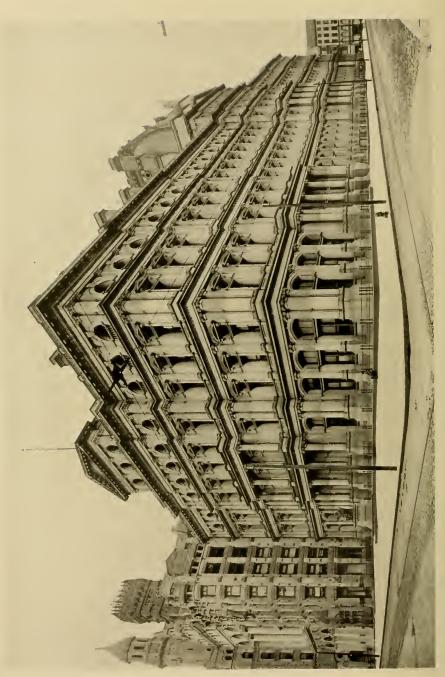


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THE PHILADELPHIA BOURSE. EXTERIOR AND INTERIOR VIEWS.



10



THE WANAMAKER STORE.

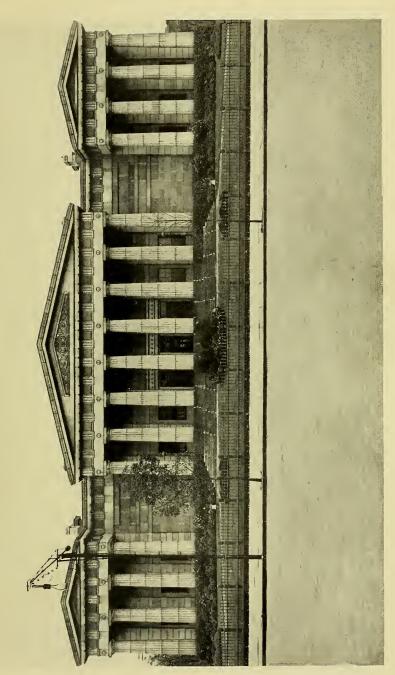


City Hall. Height of Tower, For Date

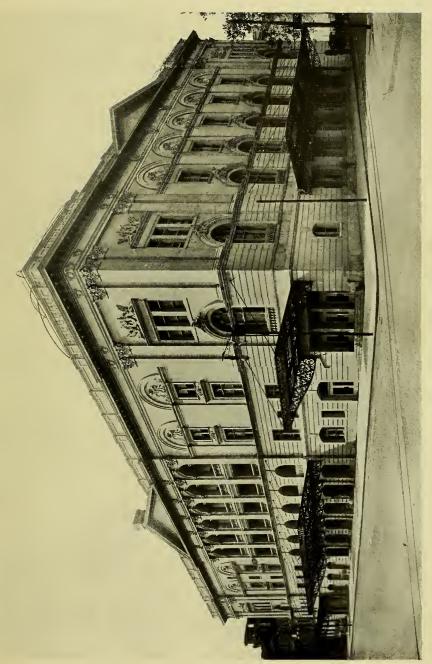


MASONIC TEMPLE.













Permanent Exhibition of Products of All Countries, Commercial Library and Foreign Trade Bureau. THE COMMERCIAL MUSEUM.



University of Pennsylvania.



BALDWIN LOCOMOTIVE WORKS.



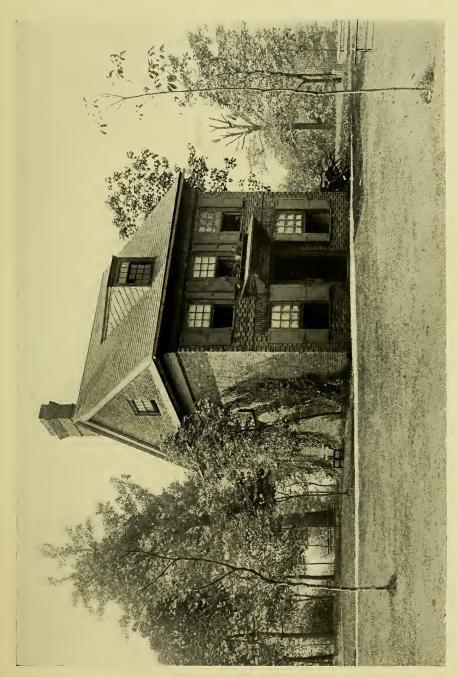
PENNSYLVANIA INSTITUTION FOR THE INSTRUCTION OF THE BLIND, OVERBROOK.



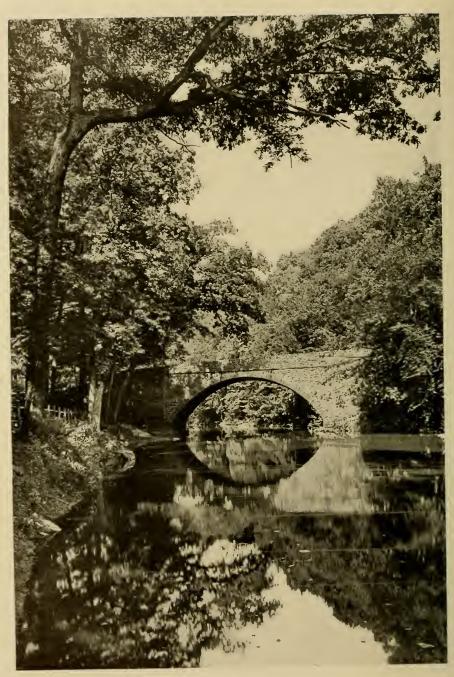
PHILADELPHIA YACHT CLUB.



PENNSYLVANIA MUSEUM, "MEMORIAL HALL," FAIRMOUNT PARK.



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BRIDGE ACROSS THE WISSAHICKON AT VALLEY GREEN, FAIRMOUNT PARK.



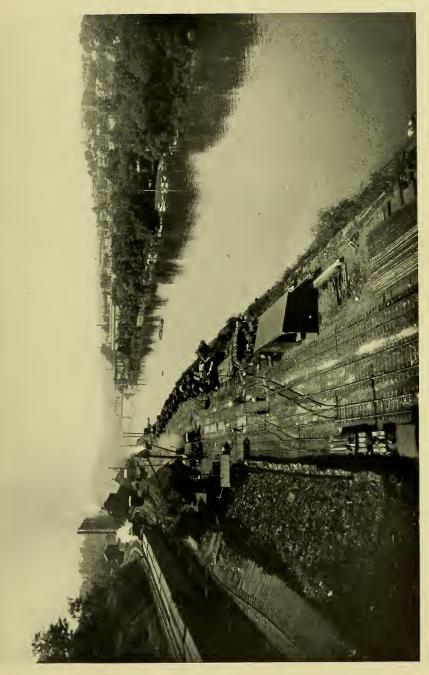
Concrete Construction. Main Arch, 233 ft. span, 143 ft. high. Bridge is 60 ft. wide and 580 ft. long over all. Walnut Lane Bridge, Spanning the Wissahickon, Fairmount Park.



PHILADELPHIA COUNTRY CLUB.



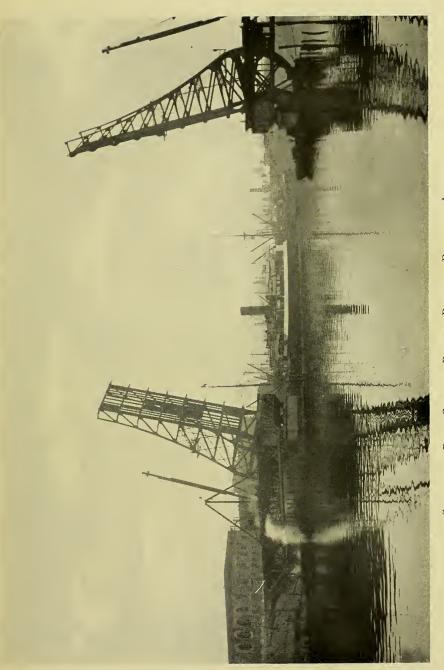
FAIRMOUNT DAM AND BOAT CLUBS, SCHUYLKILL RIVER.



SCHUYLKILL RIVER AT MANAYUNK, SHOWING IRON WORKS AND TEXTILE MILLS.



Lumber Wharf, Schuylkill River, and Baltimore & Ohio Railroad.



SCHUYLKILL RIVER, SHOWING BASCULE BRIDGE AT PASSYUNK AVENUE. Photograph by William H. Rau.

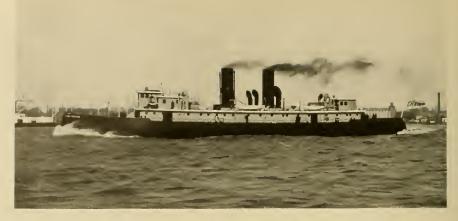
TURRET-DECK STEAMER LOADING GRAIN FOR EXFORT, GIRARD POINT ELEVATOR, SCHUYLKILL RIVER.



BLOWING UP SCHOONER LEDGE ROCK, DELAWARE RIVER. THIRTY-FIVE FEET DEPTH OF WATER AT TIME OF BLAST.



U. S. GOVERNMENT CHANNEL DREDGE "DELAWARE."

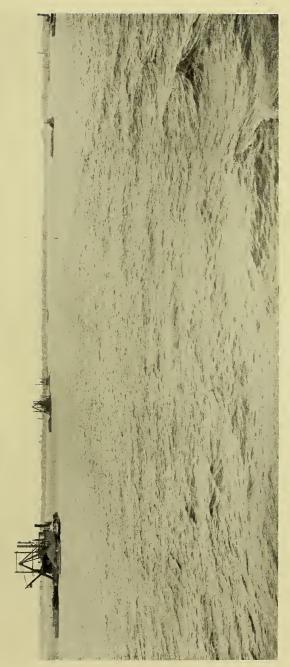


MUNICIPAL ICE-BREAKER, "JOHN WEAVER."



U. S. Battleship "Utah" in the Stone Drydock, League Island Navy Yard.

Photograph by the New York Shipbuilding Co., builders.



DREDGES AT WORK ON THE 35-FOOT CHANNEL, DELAWARE RIVER.

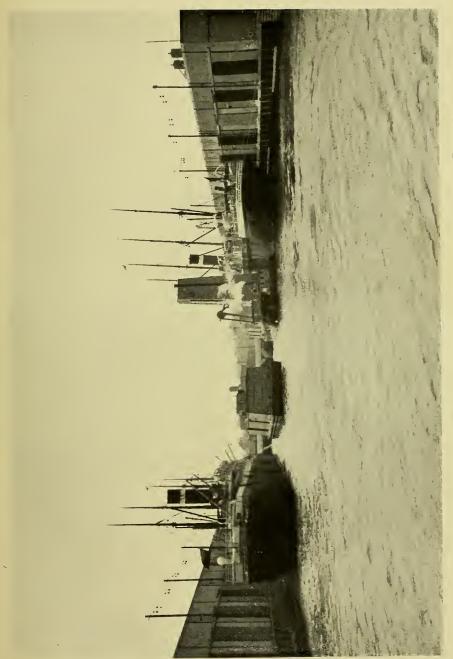




STEEL BARK "ASTRAL."

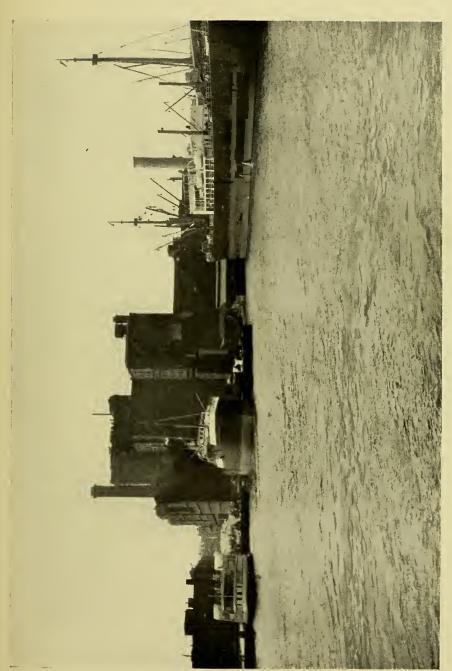
One of the Standard Oil Company's Fleet Carrying Oil to Asiatic Ports, Returning with Hawaiian Sugar. Steel Rigging Throughout, Length, 332 Feet. Tonnage, 2,987.





TRANSATLANTIC PIERS, INTERNATIONAL NAVIGATION CO. AND PENNSYLVANIA RAILROAD.





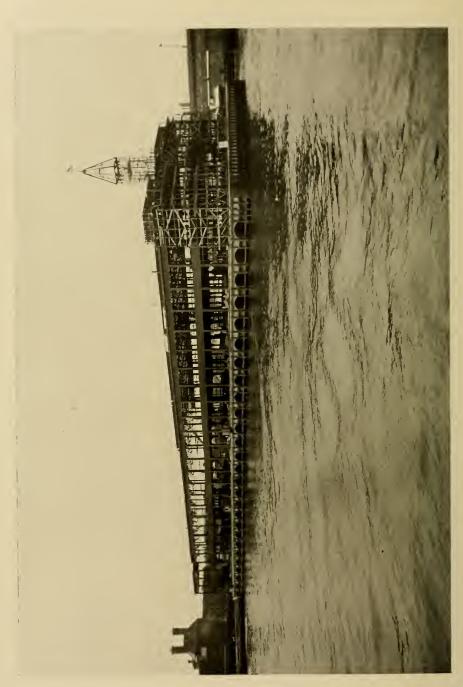




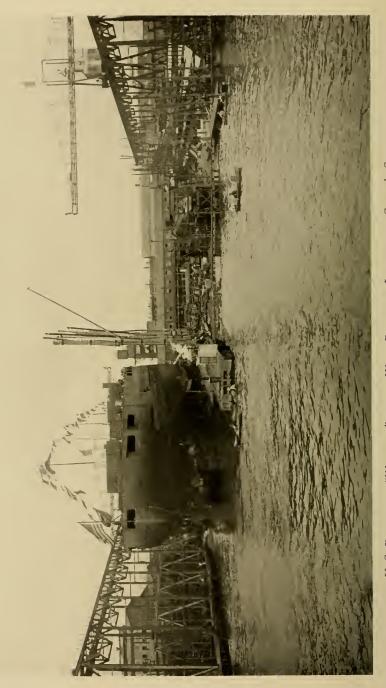
DELAWARE RIVER OPPOSITE CRAMP'S SHIPYARD.



CLYDE LINE PIERS, COASTWISE STEAM TRANSPORTATION.









Photograph by the Commercial Museum, Philadelphia,



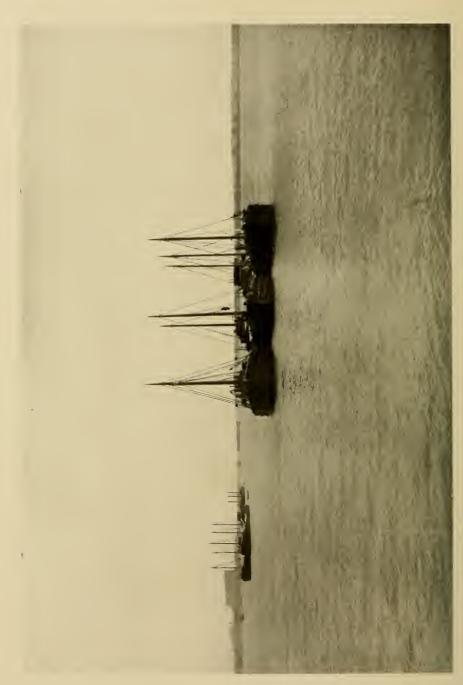
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CRAMP'S SHIPYARD.

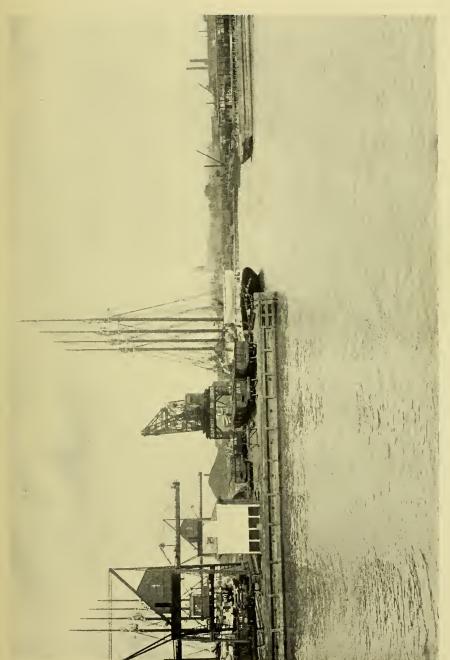


TRANSATLANTIC STEAMER DOCKING AT PORT RICHMOND.

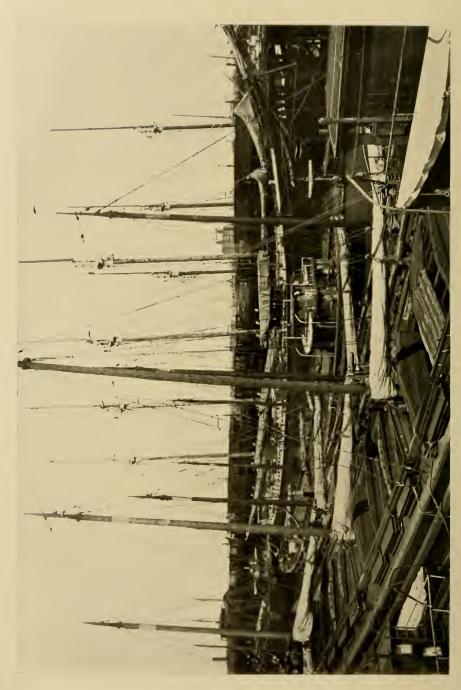


A Tow of Coal Barges Ready for Shipment to New England.

About 5.000.000 Tons Yearly Leave Philadelphia for Coastwise Delivery.



SCHOONER DISCHARGING RAILROAD TIES, PORT RICHMOND.

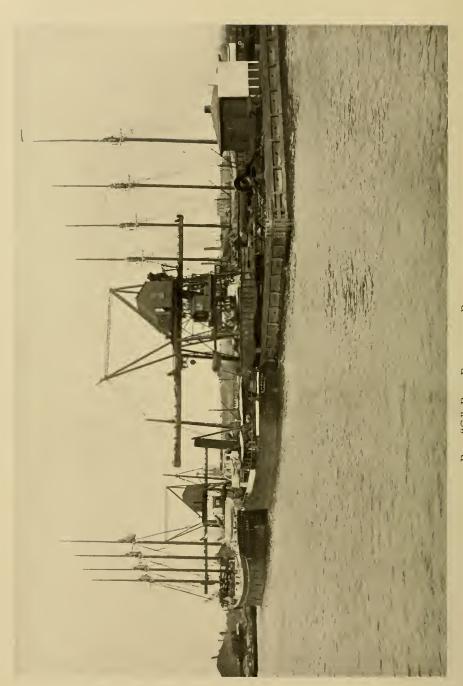




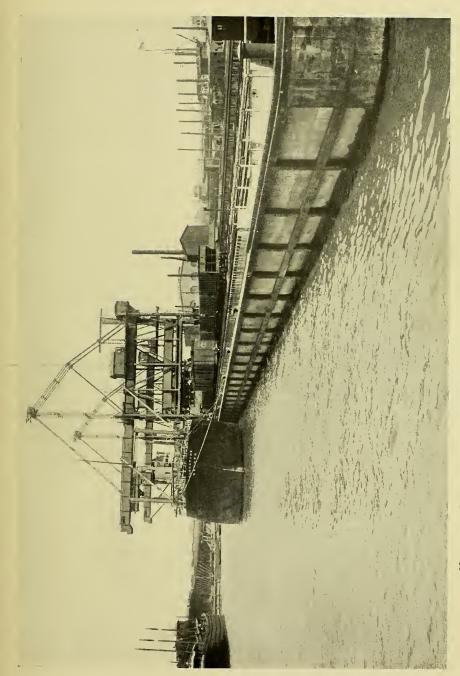
SIX-MASTED SCHOONER LOADING COAL, PORT RICHMOND, THE "ELEANOR A. PERCY." Length, 323 Feet. Tonnage, 3,062.



SCHOONERS LOADING COAL FOR COASTWISE SHIPMENT, PORT RICHMOND PIER.



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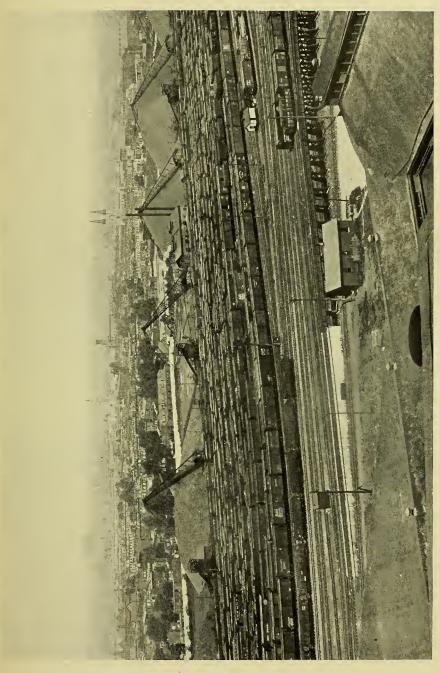
Unloading Iron Ore from Steamer to Railway Car, Port Richmond, Philadelphia.



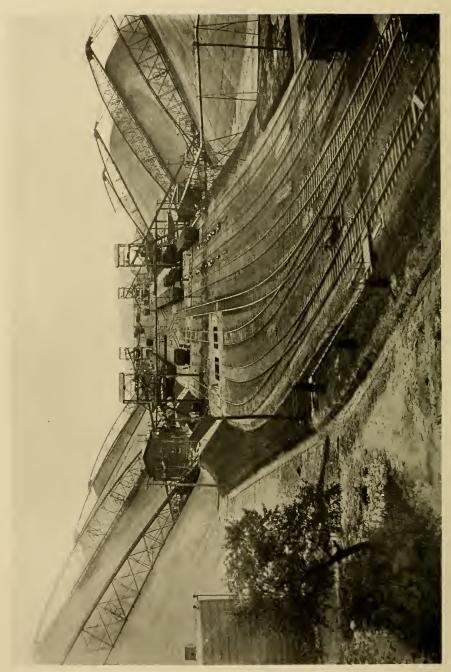
PORT RICHMOND GRAIN ELEVATOR.



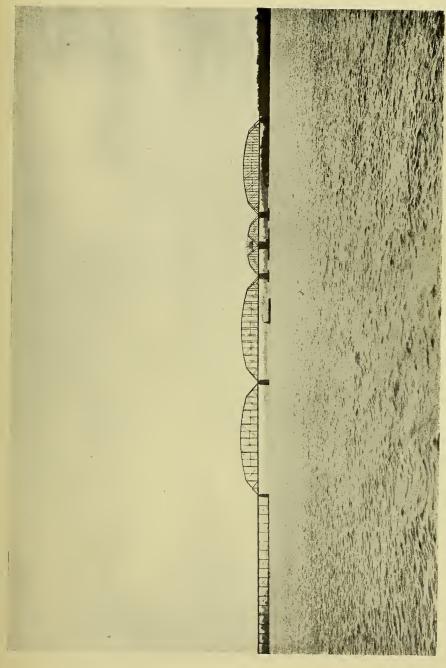
STEAMSHIP HAVERFORD LEAVING PHILADELPHIA.



P. & R. RAILWAY FREIGHT TRANSFER AND COAL STORAGE YARD, PORT RICHMOND, PHILADELPHIA.



BRIDGEPORT TRANSFER, PHILADELPHIA & READING RAILWAY, NEAR PHILADELPHIA. 500,000 Tons of Anthracite Coal Stored in Reserve for Consumption.



Two Thro Trusses 533 Feet Long. One Draw Span 323 Feet Long. West Approach—Deck Plate Girder Trestle 2,129 Feet Long. East Approach—Trestle 324 Feet Long. Double track. PENNSYLVANIA RAILROAD BRIDGE, SPANNING THE DELAWARE RIVER AT UPPER END OF PHILADELPHIA HARBOR.



DELAWARE AND RARITAN CANAL.



RARITAN RIVER AND DELAWARE AND RARITAN CANAL.

Photograph by the Commercial Museum, Philadelphia.



Tow of Railroad Ties, Chesapeake and Delaware Canal.

Photograph by Lewis M. Haupt.



LOCK ON THE CHESAPEAKE AND DELAWARE CANAL.

Photograph by the Commercial Museum, Philadelphia.





Scenes on the Chesapeake & Delaware Canal,





Scenes on the Chesapeake & Delaware Canal.



LEHIGH CANAL.



Photographs by J. F. Hasskarl.

LEHIGH RIVER.



Photograph by J. F. Hasskarl.

LEHIGH RIVER AND CANAL.



Mauch Chunk.



READING TERMINAL STATION, PHILADELPHIA & READING RAILWAY.



Broad Street Station, Pennsylvania Railroad.

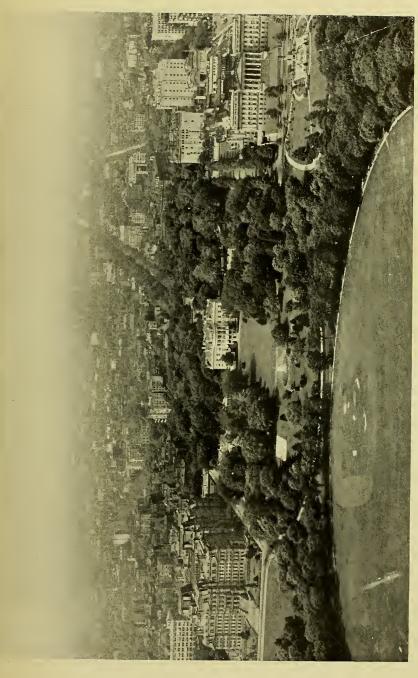


Broad Street Station, Market Street and City Hall.

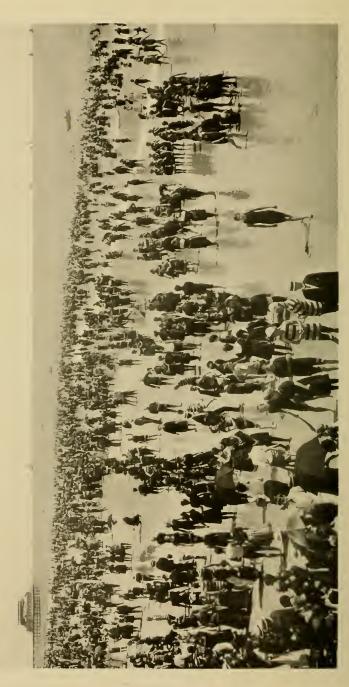


THE UNION STATION, WASHINGTON.





THE WHITE HOUSE AND GOVERNMENT BUILDINGS, WASHINGTON, FROM THE MONUMENT. Photograph, Copyright by the Commercial Museum, Philadelphia.



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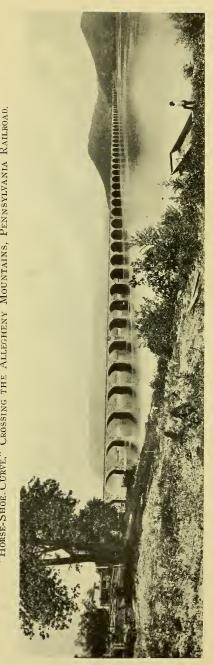
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"THE PACKSADDLE," JUNIATA RIVER, PENNSYLVANIA RAILROAD. Photograph by William H. Rau.



"Horse-Shoe. Curve," Crossing the Allegheny Mountains, Pennsylvania Railroad.

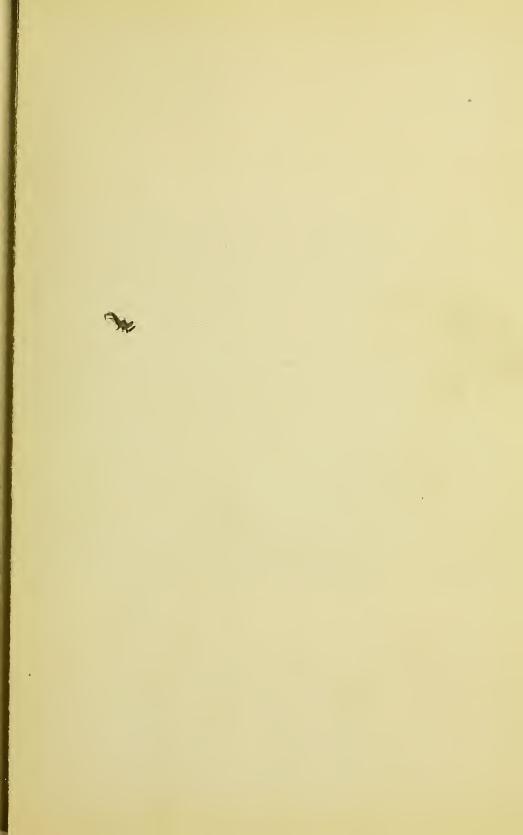


Longest Stone Bridge in the World. Length, 3,800 Feet. Width, 52 Feet, 48 Segmental Arches of 70 Feet Span. Four Tracks. STONE BRIDGE SPANNING THE SUSQUEHANNA RIVER NEAR HARRISBURG, PENNSYLVANIA RAILROAD.



A GLIMPSE OF THE NEW PARKWAY CONNECTING CITY HALL WITH FAIRMOUNT PARK.









Photograph by Simon & Murnane, York, Pa.

McCall's Ferry Power Dam, Susquehanna River.





Twelfth International Congress of



ORGANIZATION

General Organizing Commission

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Brigadier-General William H. Bixby, Chief of Engineers, U. S. Army.

Colonel Harry F. Hodges, Corps of Engineers, U. S. Army.

Lieutenant-Colonel J. C. Sanford, Corps of Engineers, U. S. Army, General Secretar of the Congress.

Mr. Elmer Lawrence Corthell, Civil Engineer.

Colonel John Bogart, Consulting Engineer.

Honorable J. Hampton Moore, Member of U. S. Congress.

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